III. CLAIM AMENDMENTS

Please amend the claims as follows:

1. (Original) A system for providing data communication between connected modules, wherein said modules are adapted to transmit to and receive from one another a data package comprising in a layered structure a physical layer comprising a first and a second segment for encapsulating other layers in said data package, a data link layer comprising a data link layer control section for carrying data link layer control data and a data section for carrying data for said other layers, and a transport layer defining a message in said data section, which message is configured according to a transport layer protocol and comprises a payload and a first header field for format of said payload, a second header field for start of said payload in said message, a third header field for length of said message, a fourth header field for version of said transport layer protocol, and a fifth header field for message group identity establishing receiving resource format of said payload.

2. (Original) A system according to claim 1, wherein said modules comprise a mobile communication device such as a cell, mobile or satellite telephone, a personal digital assistant, or a peripheral thereto.

3. (Currently Amended) A system according to ~~any of claims 1 or 2~~claim 1, wherein said modules comprise one or more objects communicating said message with one another, and a data link layer generator and physical layer generator adapted to encapsulate said message according to a data link layer protocol and to a physical layer protocol, respectively.

4. (Currently Amended) A system according to ~~any of claims 1 to 3~~claim 1, wherein said transport layer further comprises a sixth header field for a message identity for uniquely identifying said payload.

5. (Currently Amended) A system according to ~~any of claims 1 to 4~~claim 1, wherein said transport layer comprises a seventh header field for a connection number for identifying a communicating object in said module.

6. (Currently Amended) A system according to ~~any of claims 1 to 5~~claim 1, wherein said transport layer comprises an eight header field for a transaction identity for sequencing said message relative to other messages.

7. (Currently Amended) A system according to ~~any of claims 1 to 6~~claim 1, wherein said data link control data comprises a checksum field following said message.

8. (Currently Amended) A system according to ~~any of claims 1 to 7~~claim 1, wherein said first segment of said physical layer comprises a media field for defining media, across which the data package is transferred.

9. (Currently Amended) A system according to ~~any of claims 1 to 8~~claim 1, wherein said first segment further comprises a synchronization field for synchronizing the receiving module with the transmitting module.

10. (Currently Amended) A system according to ~~any of claims 1 to 9~~claim 1, wherein said second segment of the physical layer comprises an index byte for providing the receiving module with information regarding segmentation or partitioning of data contained in a message.

11. (Currently Amended) A system according to ~~any of claims 1 to 10~~claim 1, wherein said second segment further comprises a sequence and acknowledge field for providing a receiving module with information whether

said data package is an acknowledgement message or an ordinary message.

12. (Currently Amended) A system according to ~~any of claims 1 to 10~~claim 1, wherein said second segment further comprises a sequence and an acknowledge field is adapted to inform whether an error was identified in the received data package, when said data package is an acknowledgement message.

13. (Currently Amended) A system according to ~~any of claims 11 or 12~~claim 11, wherein said sequence and acknowledgement field is further adapted to inform a receiving module that a sequence number in said receiving module should be reset.

14. (Currently Amended) A system according to ~~any of claims 11 to 13~~claim 11, wherein said sequence and acknowledgement field is adapted to recognise acknowledgement messages and detect missing data packages.

15. (Currently Amended) A system according to ~~any of claims 1 to 14~~claim 1, wherein said second segment further comprises a fill field for ensuring that all data packages sent over said port connector contain an even amount of bytes.

16. (Currently Amended) A system according to ~~any of claims 1 to 15~~claim 1, wherein said second segment further comprises a parity field for storing parity calculated on the basis of the data package excluding the parity field.

17. (Currently Amended) A system according to ~~any of claims 1 to 16~~claim 1, wherein said transport layer comprises a ninth header field for a future extension comprising information required by a future transport layer protocol.

18. (Original) A data package for communicating between modules, wherein said data package comprising in a layered structure physical layer data comprising a first and a second segment for encapsulating other layers in said data package, a data link layer comprising a data link layer control section for carrying data link layer control data and a data section for carrying data for said other layers, and a transport layer defining a message in said data section, which message is configured according to a transport layer protocol and comprises a payload and a first header field for format of said payload, a second header field for start of said payload in said message, a third header field for length of said message, a fourth header field for version of said transport layer protocol, and a fifth header field for message group identity establishing receiving resource format of said payload.

19. (Original) A data package according to claim 18, said transport layer further comprises a sixth header field for a message identity for uniquely identifying said payload.

20. (Currently Amended) A data package according to ~~claims 18 or 19~~claim 18, wherein said transport layer comprises a seventh header field for a connection number for identifying a communicating object in said module.

21. (Currently Amended) A data package according to ~~claims 18 to 20~~claim 18, wherein said transport layer comprises an eight header field for a transaction identity for sequencing said message relative to other messages.

22. (Currently Amended) A data package according to ~~claims 18 to 21~~claim 18, wherein said transport layer comprises a ninth header field for a future extension comprising information required by a future transport layer protocol.

23. (Currently Amended) A receiver unit adapted to receive a data package according to ~~any of claims 18 to 22~~claim 18.

24. (Currently Amended) A transmitter unit adapted to transmit a data package according to ~~any of claims 18 to 22~~claim 18.

(Currently Amended) ~~26~~25. A method for establishing data communication between modules, wherein said modules each communicate a data package comprising in a layered structure a physical layer comprising a first and a second segment for encapsulating other layers in said data package and a data link layer comprising a data link layer control section for carrying data link layer control data and a data section for carrying data for said other layers, and wherein said method comprising: providing in said data package in a transport layer a message in said data section, which message is configured according to a transport layer protocol and comprises a payload and a first header field for format of said payload, a second header field for start of said payload in said message, a third header field for length of said message, a fourth header field for version of said transport layer protocol, and a fifth header field for message group identity establishing receiving resource format of said payload.

(Currently Amended) ~~27~~26. A computer program comprising code adapted to perform the following steps when said program is run in a data processor adapted to establish data communication between modules, wherein said

plurality of modules each communicate a data package comprising in a layered structure having a physical layer comprising a first and a second segment for encapsulating other layers in said data package and a data link layer comprising a data link layer control section for carrying data link layer control data and a data section for carrying data for said other layers, and wherein said program providing in a transport layer a message in said data section, which message is configured according to a transport layer protocol and comprises a payload and a first header field for format of said payload, a second header field for start of said payload in said message, a third header field for length of said message, a fourth header field for version of said transport layer protocol, and a fifth header field for message group identity establishing receiving resource format of said payload.